

## ABSTRACT

This invention relates to crystals of compounds of formula (I), wherein TBS represents t-butyldimethylsilyl, and Ph represents phenyl, or its salt or solvate. Compounds of formula (I) are synthesis intermediates of 2-substituted-1 $\beta$ -methyl carbapenem compounds useful as antimicrobial agents. The crystals of the present invention have excellent handleability and can realize the production of carbapenem compounds having excellent antimicrobial activity in a simpler manner with improved yield and purity.

